

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	58	359/761.ccls.	US-PGPUB; USPAT	OR	ON	2006/02/21 08:38
L2	96	359/770.ccls.	US-PGPUB; USPAT	OR	ON	2006/02/21 08:39
L3	0	1@pd20050517	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/21 08:40
L4	1670	355/55.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/21 08:39
L5	0	4@pd20050517	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/21 08:40
L6	0	1@pd>"20050517"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/21 08:40
L7	0	4@pd>"20050517"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/21 08:40
L8	35713	"355"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/21 08:40
L9	0	8@pd>"20050517"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/21 08:40

## EAST Search History

L10	0	L8@pd>"20050517"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/21 08:41
L11	1555715	L8 @pd>"20050517"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/21 08:41
L12	1527666	@pd>="20050517"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/21 08:51
L13	968	8 and 12	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/21 08:42
L14	4	1 and 12	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/21 08:43
L15	6	2 and 12	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/21 08:45
L16	2	"20040160589"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/21 08:46
L17	3848	355/53.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/21 08:46

## EAST Search History

L18	3165	17 and lens	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/21 08:46
L19	31	17 and (sixth near lens)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/21 09:17
L20	57	17 and (fifth near lens)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/21 08:50
L21	1670	355/55.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/21 08:50
L22	503	12 and 18	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/21 08:53
L23	852	359/642.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/21 08:53
L24	198	359/643.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/21 08:56
L25	1045	23 or 24	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/21 08:53

## EAST Search History

L26	21	25 and (sixth near lens)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/21 08:54
L27	543	(359/649-651).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/21 08:55
L28	53	27 and 12	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/21 08:55
L29	251	359/663.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/21 08:56
L30	102	359/658.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/21 08:56
L31	48	359/647.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/21 08:56
L32	267	359/690.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/21 08:56
L33	6046	29-32	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/21 08:56

## EAST Search History

L34	663	29 or 30 or 31 or 32	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/21 08:56
L35	15	12 and 34	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/21 08:56
L36	1670	355/55.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/21 08:56
L37	152	36 and "123"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/21 08:56
L38	95	36 and 12	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/21 08:57
L39	904	((sixth or fifth) near lens) AND fix\$3 AND focus)".CLM"	US-PGPUB; USPAT	OR	ON	2006/02/21 09:03
L40	30	((sixth or fifth) near lens) AND (fix\$3 near focus) near lens)".CLM"	US-PGPUB; USPAT	OR	ON	2006/02/21 09:03
L41	633	((sixth or fifth) near lens) AND (fix\$3 or focus) near lens)".CLM"	US-PGPUB; USPAT	OR	ON	2006/02/21 09:03
L42	30	((sixth or fifth) near lens) AND (fix\$3 adj focus) near lens)".CLM"	US-PGPUB; USPAT	OR	ON	2006/02/21 09:04
L43	30	((sixth or fifth) near lens) AND (fix\$3 or station\$3 or static) adj focus) near lens)".CLM"	US-PGPUB; USPAT	OR	ON	2006/02/21 09:04
L44	30	((sixth or fifth) near lens) AND (fix\$3 or station\$3 or static) near focus) near lens)".CLM"	US-PGPUB; USPAT	OR	ON	2006/02/21 09:04

## EAST Search History

L45	33	((sixth or fifth) near lens) AND ((fix\$3 or station\$3 or static) near focus) near (objective or optic\$3 or lens)).CLM"	US-PGPUB; USPAT	OR	ON	2006/02/21 09:05
L46	37	((sixth or fifth) near lens) AND ((fix\$3 or station\$3 or static) near focus) AND ((positive or negative) near lens)).CLM"	US-PGPUB; USPAT	OR	ON	2006/02/21 09:06
L47	1309	((sixth or fifth) near lens) AND ((fix\$3 or station\$3 or static) or focus) AND ((positive or negative) near lens)).CLM"	US-PGPUB; USPAT	OR	ON	2006/02/21 09:06
L48	331	((sixth or fifth) near lens) AND ((fix\$3 or station\$3 or static) or focus) AND ((projection) near lens)).CLM"	US-PGPUB; USPAT	OR	ON	2006/02/21 09:17
L49	2133	355/67.ccls.	US-PGPUB; USPAT	OR	ON	2006/02/21 09:17
L50	34	49 and (sixth near lens)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/21 09:17
L51	59	49 and (fifth near lens)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/21 09:18
S1	1	("5852490").PN.	USPAT; USOCR	OR	OFF	2005/05/12 07:33
S2	1	("6377338").PN.	USPAT; USOCR	OR	OFF	2005/05/12 07:37
S3	70	359/658.ccls.	US-PGPUB; USPAT	OR	ON	2005/05/12 07:38
S4	32	359/647.ccls.	US-PGPUB; USPAT	OR	ON	2005/05/12 07:38
S5	102	359/651.ccls.	US-PGPUB; USPAT	OR	ON	2005/05/12 07:40
S6	160	359/663.ccls.	US-PGPUB; USPAT	OR	ON	2005/05/12 07:40
S7	179	359/362.ccls.	US-PGPUB; USPAT	OR	ON	2005/05/12 14:35

## EAST Search History

S8	0	359/55.ccls.	US-PGPUB; USPAT	OR	ON	2005/05/12 14:35
S9	1085	355/55.ccls.	US-PGPUB; USPAT	OR	ON	2005/05/12 14:35
S10	4	S9 and ((sixth adj lens) or (6th adj lens)) and (not (seven\$3 adj lens))	US-PGPUB; USPAT	OR	ON	2005/05/12 14:41
S11	205	359/690.ccls.	US-PGPUB; USPAT	OR	ON	2005/05/12 14:42
S12	8	S9 and ((six\$3 adj lens) or (6th adj lens)) and (not (seven\$3 adj lens))	US-PGPUB; USPAT	OR	ON	2005/05/12 14:41
S13	212	359/692.ccls.	US-PGPUB; USPAT	OR	ON	2005/05/12 14:42
S14	1	("6639737").PN.	USPAT; USOCR	OR	OFF	2005/05/13 13:37
S15	1	S14 and focal adj length	US-PGPUB; USPAT	OR	ON	2005/05/13 13:37
S16	4	((("5296891") or ("5523193") or ("5229872") or ("5311360"))).PN.	USPAT; USOCR	OR	OFF	2005/05/17 07:14
S17	4	((("5296891") or ("5523193") or ("5229872") or ("5311360"))).PN.	USPAT; USOCR	OR	OFF	2005/05/17 08:07
S18	1	("6639737").PN.	USPAT; USOCR	OR	OFF	2005/05/17 08:08
S19	1	S18 and refract\$8	US-PGPUB; USPAT	OR	ON	2005/05/17 08:09
S20	1	"20020176058"	US-PGPUB; USPAT	OR	ON	2005/05/17 08:09
S21	0	S20 and refract	US-PGPUB; USPAT	OR	ON	2005/05/17 08:09
S22	1	S20 and refract\$4	US-PGPUB; USPAT	OR	ON	2005/05/17 08:12
S23	0	S20 and refract\$4 and parallel	US-PGPUB; USPAT	OR	ON	2005/05/17 08:12
S24	0	S20 and (refract\$4 and parallel)	US-PGPUB; USPAT	OR	ON	2005/05/17 08:12
S25	0	S20 and (refract\$4 and parall\$3)	US-PGPUB; USPAT	OR	ON	2005/05/17 08:12
S26	0	S20 and (refract\$4 and paral\$5)	US-PGPUB; USPAT	OR	ON	2005/05/17 08:24
S27	0	S20 and paral\$5	US-PGPUB; USPAT	OR	ON	2005/05/17 08:16
S28	1	S20 and aspherical	US-PGPUB; USPAT	OR	ON	2005/05/17 08:24

## EAST Search History

S29	1	("5946144").PN.	USPAT; USOCR	OR	OFF	2005/05/17 08:48
S30	0	S29 and (refract\$4 and paral\$5)	US-PGPUB; USPAT	OR	ON	2005/05/17 08:24
S31	1	S29 and (refract\$4 )	US-PGPUB; USPAT	OR	ON	2005/05/17 08:30
S32	1	(S20 or S29) and (equidistant or equal\$3)	US-PGPUB; USPAT	OR	ON	2005/05/17 08:30
S33	1	"20040160589"	US-PGPUB; USPAT	OR	ON	2005/05/17 08:48
S34	0	S33 and concave	US-PGPUB; USPAT	OR	ON	2005/05/17 08:48
S35	0	S33 and plano	US-PGPUB; USPAT	OR	ON	2005/05/17 08:48
S36	0	359/770.ccls	US-PGPUB; USPAT	OR	ON	2005/05/17 09:17
S37	90	359/770.ccls.	US-PGPUB; USPAT	OR	ON	2005/05/17 09:17
S38	27	S37 and parallel	US-PGPUB; USPAT	OR	ON	2005/05/17 09:21
S39	4	S37 and compound	US-PGPUB; USPAT	OR	ON	2005/05/17 09:52
S40	1	S29 and telecent\$4	US-PGPUB; USPAT	OR	ON	2005/05/17 09:53
S41	0	S29 and image adj form	US-PGPUB; USPAT	OR	ON	2005/05/17 09:53
S42	1	S29 and image	US-PGPUB; USPAT	OR	ON	2005/05/17 09:54
S43	0	S29 and LCD	US-PGPUB; USPAT	OR	ON	2005/05/17 12:06
S44	75596	"14" and (light with axis)	US-PGPUB; USPAT	OR	ON	2005/05/17 12:10
S45	1	("6639737").PN.	USPAT; USOCR	OR	OFF	2005/05/17 12:10
S46	1	S45 and (light with axis)	US-PGPUB; USPAT	OR	ON	2005/05/17 12:14
S47	1	("5946144").PN.	USPAT; USOCR	OR	OFF	2005/05/17 12:14
S48	0	S47 and (light with axis)	US-PGPUB; USPAT	OR	ON	2005/05/17 12:14
S49	1	S47 and (axis)	US-PGPUB; USPAT	OR	ON	2005/05/17 12:15



## EAST Search History

S50	0	S47 and (light or beam)	US-PGPUB; USPAT	OR	ON	2005/05/17 12:15
S51	1	S47 and (light or beam or image)	US-PGPUB; USPAT	OR	ON	2005/05/17 12:15
S52	1	S45 and (light or beam)	US-PGPUB; USPAT	OR	ON	2005/05/17 12:16
S53	1	"20020176058"	US-PGPUB; USPAT	OR	ON	2005/05/17 12:49
S54	0	S53 and (parallel adj light)	US-PGPUB; USPAT	OR	ON	2005/05/17 12:32
S55	1	S53 and (axis with light)	US-PGPUB; USPAT	OR	ON	2005/05/17 12:32
S56	0	S53 and (S48)	US-PGPUB; USPAT	OR	ON	2005/05/17 12:33
S57	1	S53 and "L5"	US-PGPUB; USPAT	OR	ON	2005/05/17 12:33
S58	0	S53 and parallel	US-PGPUB; USPAT	OR	ON	2005/05/17 12:49
S59	0	S53 and (axial)	US-PGPUB; USPAT	OR	ON	2005/05/17 12:51
S60	1	"20040051964"	US-PGPUB; USPAT	OR	ON	2005/05/17 12:50
S61	0	S60 and parallel	US-PGPUB; USPAT	OR	ON	2005/05/17 12:55
S62	1	S60 and axial	US-PGPUB; USPAT	OR	ON	2005/05/17 12:51
S63	1	S60 and light	US-PGPUB; USPAT	OR	ON	2005/05/17 12:54
S64	1	("6707617").PN.	USPAT; USOCR	OR	OFF	2005/05/17 12:54
S65	1	S64 and parallel	US-PGPUB; USPAT	OR	ON	2005/05/17 12:55
S66	0	S64 and (light with axis)	US-PGPUB; USPAT	OR	ON	2005/05/17 12:55
S67	1	S64 and (axis)	US-PGPUB; USPAT	OR	ON	2005/05/17 12:55